

List of Plants

C BENZYL-ALCOHOL

Chemid

BENZYLALCOHOL

Dosage

LD50=3,100 (orl rat)

Merck 11th Edition

LD50=1,230 (orl rat)

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Acacia farnesiana	Flower	--	--		*
Albizia lebbeck	Flower	--	--		Wealth of India.
Aspalathus linearis	Leaf Essent. Oil	--	--		*
Callicarpa americana	Leaf	--	2.0	-0.76	*
Camellia sinensis	Shoot	900.0	1400.0	1.0	*
Camellia sinensis	Leaf	--	--		*
Camellia sinensis	Leaf Essent. Oil	--	10100.0		*
Cananga odorata	Flower	--	--		*
Carica papaya	Fruit	--	--	-0.72	Jim Duke's personal files.
Cinnamomum verum	Bark	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cinnamomum verum	Root Bark	--	--		*
Citrullus colocynthis	Petiole	--	--		*
Citrullus lanatus	Fruit Juice	--	--		*
Citrus reticulata	Fruit	1.0	2.0	1.41	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eruca sativa	Hs	--	--		*
Ficus carica	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ficus carica	Fruit	--	--		*
Filipendula ulmaria	Essential Oil	--	20000.0	-1.0	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Filipendula ulmaria	Flower Essent. Oil	--	21000.0		*
Glycyrrhiza glabra	Rhizome Essent. Oil	--	--		*
Glycyrrhiza glabra	Root	--	--		*

<i>Hesperis matronalis</i>	Flower	--	--		Nielsen, J. K., Jakobsen, H. B., Friis, P., Hansen, K., Moller, J., Olsen, C. E. 1995. Asynchronous Rhythmus in the Emission of Volatiles from <i>Hesperis matronalis</i> Flowers. <i>Phytochemistry</i> , 38(4): 847-851.
<i>Hibiscus sabdariffa</i>	Fruit	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Hibiscus sabdariffa</i>	Leaf	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Hyacinthus orientalis</i>	Flower	64.0	920.0	2.05	*
<i>Hyssopus officinalis</i>	Flower	3.0	32.0	-0.71	Flavour and Fragrance Journal, 6: 72.
<i>Hyssopus officinalis</i>	Essential Oil	--	--		*
<i>Hyssopus officinalis</i>	Leaf	0.1	30.0	1.6	Flavour and Fragrance Journal, 6: 72.
<i>Iris x germanica</i>	Rhizome	--	--		*
<i>Jasminum officinale</i>	Flower	120.0	228.0	-0.1	*
<i>Juglans nigra</i>	Essential Oil	--	29000.0	1.0	*
<i>Juglans nigra</i>	Fruit	--	--		*
<i>Levisticum officinale</i>	Root	3.0	30.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Ligustrum japonicum</i>	Flower	--	--		*
<i>Liquidambar orientalis</i>	Resin, Exudate, Sap	--	--		*
<i>Liquidambar styraciflua</i>	Resin, Exudate, Sap	--	--		*
<i>Lonicera japonica</i>	Flower	--	--		Schlotzhauer, W.S., S.D. Pair, and R.J. Horvat. 1996. Volatile constituents from the flowers of Japanese Honeysuckle. <i>J. Agric. Food Chem.</i> 44:206-209.
<i>Lycopersicon esculentum</i>	Fruit	--	--		*
<i>Mentha spicata</i>	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha spicata</i>	Essential Oil	--	--		*
<i>Mentha x piperita</i>	Leaf	0.01	0.1	-0.92	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Menyanthes trifoliata</i>	Leaf	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Morinda citrifolia</i>	Fruit	--	0.02	-0.7	*
<i>Myroxylon balsamum</i>	Plant	--	--		*
<i>Narcissus tazetta</i>	Flower	165.0	360.0	0.31	*
<i>Ocimum basilicum</i>	Essential Oil	--	--		*
<i>Origanum minutiflorum</i>	Shoot	0.1	2.0	-1.0	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of <i>Origanum minutiflorum</i> O. Schwarz and P.H. Davis. <i>J. Ess. Oil Res.</i> 3: 445-446.
<i>Phaseolus vulgaris</i>	Stem Essent. Oil	--	--		*
<i>Polianthes tuberosa</i>	Flower	--	--		*
<i>Prunus persica</i>	Fruit	--	--		*
<i>Prunus laurocerasus</i>	Leaf	--	--		*
<i>Prunus armeniaca</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pueraria montana</i>	Fruit Essent. Oil	--	--		*

<i>Rheum palmatum</i>	Rhizome	--	0.5		*
<i>Robinia pseudoacacia</i>	Flower	--	--		*
<i>Rosmarinus officinalis</i>	Plant	7.0	32.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Sambucus nigra</i>	Leaf Essent. Oil	--	--		*
<i>Sambucus nigra</i>	Flower Essent. Oil	--	--		*
<i>Sarracenia flava</i>	Essential Oil	--	--		*
<i>Stevia rebaudiana</i>	Leaf	--	12.0	0.08	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Stevia rebaudiana</i>	Flower	--	4.0	-0.79	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Stevia rebaudiana</i>	Plant	--	10.0	-1.0	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
<i>Syzygium aromaticum</i>	Plant	--	--		*
<i>Tanacetum parthenium</i>	Fruit Essent. Oil	--	--		*
<i>Trifolium pratense</i>	Root	--	--		*
<i>Trifolium pratense</i>	Plant	--	--		*
<i>Trifolium pratense</i>	Flower	--	15.0	-0.76	Buchnauer,G.,Jirovetz,L.,Nikiforov,A.1996.Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection, Gas Chromatography-Mass Spectrometry, and Gas Chrom.-Olfactometry.J.Agric.Food Chem.44:1827-8
<i>Vaccinium myrtillus</i>	Fruit Juice	--	0.08		*
<i>Vaccinium macrocarpon</i>	Fruit	--	--		*
<i>Vaccinium corymbosum</i>	Fruit Juice	0.01	0.08		*
<i>Vanilla planifolia</i>	Fruit	--	--		*
<i>Verbascum thapsus</i>	Seed	--	--		*
<i>Viola odorata</i>	Leaf	--	--		*
<i>Viola odorata</i>	Flower	--	--		*
<i>Vitis vinifera</i>	Leaf	--	--		*